

**CUSTOMER NUMBER 25268**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Harui et al. Attorney Docket No: BIOL0070  
Serial No: 10/757,971 Group Art Unit: 2877  
Filed: January 15, 2004 Examiner:  
Title: CELL SUSPENSION ROTATING FLUIDIC PUMP

INFORMATION DISCLOSURE STATEMENT

Bellevue, Washington 98004

June 23, 2004

TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

- ☒ 1. Copies of the listed non-U.S. patent publications and other information are enclosed for the Examiner's use.
- ☐ 2. Copies of the listed patents, publications, and other information were previously cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. § 120.
- ☐ 3. A concise explanation of the relevance of document I.D. No. \_\_\_\_\_ (which is not in the English language), as presently understood by the individual designated under 37 C.F.R. § 1.56(c) most knowledgeable about its content, is provided \_\_\_\_\_.
- ☒ 4. Pursuant to 37 C.F.R. § 1.97(b), this information disclosure statement is being filed within three months of the filing date of the national application, within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, or before the mailing date of a first Office Action on the merits.
- ☐ 5. Pursuant to 37 C.F.R. § 1.97(c), this information disclosure statement is being filed after the period set forth in 37 C.F.R. § 1.97(b) but before the mailing date of either a final action under 37 C.F.R. § 1.113, or a notice of allowance under 37 C.F.R. § 1.311, and is accompanied by:
- a. \_\_\_\_\_ a certification as specified in 37 C.F.R. § 1.97(e); or
- b. \_\_\_\_\_ the fee set forth in 37 C.F.R. § 1.17(p). Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ is enclosed.

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1 \_\_\_\_\_ 6. Pursuant to 37 C.F.R. § 1.97(d), this information disclosure statement is being filed  
2 after the mailing date of either:

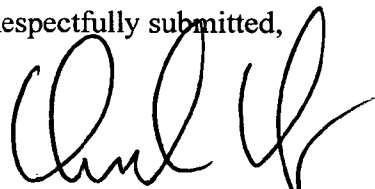
3 a. \_\_\_\_\_ a final action under 37 C.F.R. § 1.113; or

4 b. \_\_\_\_\_ a notice of allowance under 37 C.F.R. § 1.311,

5 but before payment of the issue fee. The statement is accompanied by a  
6 certification as specified in 37 C.F.R. § 1.97(e), a statement requesting  
7 consideration of the information disclosure statement, and the petition fee set  
8 forth in 37 C.F.R. § 1.17(p). Check No. \_\_\_\_\_ in the amount of  
\$ \_\_\_\_\_ is enclosed.

9 X 7. Please charge any additional fees or credit any overpayment to Deposit Account  
10 No. 01-1940. A copy of this sheet is enclosed.

11 Respectfully submitted,

12 

13 Michael C. King  
14 Registration No. 44,832  
15

16 I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed  
17 envelope as first class mail with postage thereon fully prepaid addressed to: Commissioner for Patents, P.O.  
Box 1450, Alexandria, Virginia 22313-1450, on June 23, 2004.

18 Date: June 23, 2004

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**CUSTOMER NUMBER 25268****INFORMATION DISCLOSURE STATEMENT LISTING SHEET****Information Cited By Applicant(s) That May Be Material To  
The Prosecution Of The Subject Application**

Applicants: Harui et al. Attorney Docket No: BIOL0070

Serial No: 10/757,971 Group Art Unit: 2877

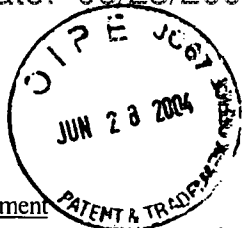
Filed: January 15, 2004 Examiner:

Title: CELL SUSPENSION ROTATING FLUIDIC PUMP

**U.S. PATENT DOCUMENTS**

| *Examiner<br>Initial | ID   | Document No. | Date       | Name                 | Class | Sub-Class |
|----------------------|------|--------------|------------|----------------------|-------|-----------|
|                      | US1  | 4,040,940    | 08/09/1977 | Bier                 | 204   | 299R      |
|                      | US2  | 4,988,623    | 01/29/1991 | Schwarz et al.       | 435   | 286       |
|                      | US3  | 5,026,650    | 06/25/1991 | Schwarz et al.       | 435   | 286       |
|                      | US4  | 5,034,004    | 07/23/1991 | Crankshaw            | 604   | 154       |
|                      | US5  | 5,104,802    | 04/14/1992 | Rhodes et al.        | 435   | 286       |
|                      | US6  | 5,153,131    | 10/06/1992 | Wolf et al.          | 435   | 240.24    |
|                      | US7  | 5,153,132    | 10/06/1992 | Goodwin et al.       | 435   | 240.24    |
|                      | US8  | 5,153,133    | 10/06/1992 | Schwarz et al.       | 435   | 240.24    |
|                      | US9  | 5,155,034    | 10/13/1992 | Wolf et al.          | 435   | 240.24    |
|                      | US10 | 5,155,035    | 10/13/1992 | Schwarz et al.       | 435   | 240.24    |
|                      | US11 | 5,176,646    | 01/05/1993 | Kuroda               | 604   | 154       |
|                      | US12 | 5,219,099    | 06/15/1993 | Spence et al.        | 222   | 325       |
|                      | US13 | 5,330,908    | 07/19/1994 | Spaulding            | 435   | 240.24    |
|                      | US14 | 6,080,581    | 06/27/2000 | Anderson et al.      | 435   | 394       |
|                      | US15 | 6,387,077    | 05/14/2002 | Klibanov et al.      | 604   | 181       |
|                      | US16 | 6,428,517    | 08/06/2002 | Hochman et al.       | 604   | 188       |
|                      | US17 | 6,554,792    | 04/29/2003 | Hughes               | 604   | 85        |
|                      | US18 | 6,575,930    | 06/10/2003 | Trombley, III et al. | 604   | 82        |

**FOREIGN PATENT DOCUMENTS***NONE CITED*

**OTHER INFORMATION**

\*Examiner    Document  
Initial       No.       Document Information

\_\_\_\_\_ O1       Robert, G.O., Kornfeld, D.M. and Fowlis, W.W., "Particle Orbits in a Rotating Liquid," *Journal of Fluid Mechanics*, 1991. Volume 229, pp. 555-567.

/Timothy L. Maust/

07/23/2008

Examiner's Signature

Date

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MCK/klp  
6/23/04